

Region 6 Sample Control Center, e-mail to [warren.christy@epa.gov](mailto:warren.christy@epa.gov) or to [perez.myra@epa.gov](mailto:perez.myra@epa.gov)

### REQUEST FOR LABORATORY SAMPLE ANALYSES

Site Name: Wilcox Oil Company	City/State: Bristow, OK	CERCLIS #: OK0001010917
GPRA Account #:2015 T 06L 06GGCO00	Site Spill ID #     06GG	Type of Investigation/Purpose: RI
EPA SAM, RPM, OSC: Katrina Higgins-Coltrain (RPM)	Analytical Turnaround Time	Type of Contract: EPA ERT
Mail Code: <u>6SF-RL</u>	Region 6 Lab:    35 <u>X</u>	Contractor: Tom Kady
	CLP Organics:    7 <u>  </u> 14 <u>  </u> 21 <u>X</u>	Shipping Contact: Tom Kady
	CLP Inorganics: 7 <u>  </u> 14 <u>  </u> 21 <u>X</u>	
Telephone #: 214-665-8143	<b>Are preliminary results required?</b>	Telephone #: 732-906-6172
Fax #:	48 hrs VOA                    ( ) Yes (X) No	On Site Ph #: 732-735-5822
	72 hrs Extractables ( ) Yes (X) No	E-Mail address:
	72 hrs Inorganics ( ) Yes (X) No	Kady.thomas@epa.gov
(915) Potential Enforcement Action?	<b>Requires justification and prior approval.</b>	Date Sample Control Center Received Request For Sample Analysis:
( ) Yes (X) No		
Proposed Sampling Period: week of October 19, 2015		

Please assure that this request for analytical services has been signed and dated by the appropriate Site Assessment Manager, Remedial Project Manager, or On Scene Coordinator. Please assure that the Sample Control Center has a copy of all relevant Quality Assurance Project Plans (QAPPs) and Sampling and Analysis Plans (SAPs).

Is the QAPP, QASP, SAP, O&M Plan, GWMP, DAW, or other relevant plan being submitted with this Request For Sample Analyses? No X Previously Submitted    Yes    QAPP was previously submitted   

If no, please explain (expected date of submission etc.):     Week of October 5, 2015

Signature of EPA Site Assessment Manager (SAM), Remedial Project Manager (RPM), or On Scene Coordinator (OSC) to signify approval of this analytical service request.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## 1. General description of analytical services requested: (QA/R5 - Element B1)

Matrix	Analysis	Number of Samples (without QC) high/low conc	Field QC Samples	
			How many?	Type?
Soil	Volatiles	100	5 10	Trip blank Duplicate
	Semivolatiles	100	10	Duplicate
	PCBs	10	1 1	Duplicate Matrix spike
	Metals	100	10 10	Duplicate Matrix spike
	Pesticides	10	1 1	Duplicate Matrix spike
Water	Volatiles	10	2 2	Trip blank duplicate
	Semivolatiles	10	1	Duplicate
	PCBs	2	1 1	Duplicate Matrix spike
	Metals	10	1 1	Duplicate Matrix spike
	Pesticides	2	1 1	Duplicate Matrix spike

Additional description (areas where samples are being collected etc.):

## 2. Analytical protocol required (analytical method &amp; method number, extraction or digestion method &amp; method number, CLP SOW reference, for each matrix if required, etc.): (QA/R5 - Element B4)

**Current CLP methods (03/31/11) are: Organics by SOM01.2, Inorganics by ISM01.2**

Matrix	Analysis	Methods
Soil	Volatiles	SOM02.2/5035
	Semivolatiles	SOM02.2 (SIM added)
	PCBs	SOM01.2
	Metals	ISM02.2/ICP-MS (with salts ICP-AES)
	Pesticides	SOM01.2
Water	Volatiles	SOM01.2 (SIM added)
	Semivolatiles	SOM02.2 (SIM added)
	PCBs	SOM01.2
	Metals	ISM02.2/ICP-MS
	Pesticides	SOM01.2

Additional Information:

Complete the following information if Method 5035 for VOA soils has been requested:

	# of low conc. soils	# of medium conc. soils		Type of Vials	# of low conc. soils	# of medium conc. soils
	75	25		Encores		

3. CLP Modified Analysis Clause - The latest Statement of Works (SOWs), includes a modified analysis clause. The modified analysis allows the regions to request minor changes to current SOW analytical methods in order to meet specific field site requirements. The changes are limited in scope and must be approved by the EPA CLP Program Manager and Contracting Officer before implementation. Information must be submitted **three weeks** prior to the sampling event. The information the client must submit three weeks prior to the sampling event are; Lab Request Form and the approved sampling plan/QAPP.

Requesting analysis for Chromium+6 [soil (100) and water (10)] and Tetraethyl Lead [soil (25) and water (10)]. Project detection limits provided in attached excel chart.

4. Analytical results required (specify laboratory documentation and reporting requirements, reporting units, format requirements, etc.): (QA/R5 - Elements A6 and B4)

Standard CLP and/or EPA Region 6 Houston Lab deliverable

5. Data requirements (reporting limits; per analyte per matrix; reporting units; applicable reference levels, etc.): (QA/R5 - Elements A7, B1, and B4) (Attach extra pages if necessary) For CLP capabilities - <http://www.epa.gov/superfund/programs/clp/facts.htm>. For Region 6 Laboratory capabilities - <http://www.epa.gov/earth1r6/6lab/r6lab.htm>

Note: Samples submitted to the CLP for analysis must be low or medium concentration, single phase, homogenous (not oily), soil, sediment, or water. Also, samples with matrix related problems (oily material, high concentration of compounds, etc.) and/or high moisture content will raise the method CRQL's.

- a. Compounds/chemicals of concern (Action levels etc.) – **Required information – List the compounds/analytes driving the investigation and the action level required to meet DQO's.**

Parameters	Action Levels / Detection Limits	
	water (µg/L)	soil/sediment (ug/kg)
See Attached Excel File		

6. QC Requirements (PE samples & frequency, spikes, duplicates, blanks, & frequency)

QC Type	Frequency	QC Limits
Trip Blank	1 per cooler	See attached excel file.
Duplicate	1 per 10	
Matrix Spike	1 per 20	

